



FEMA



Prepared by
Jennifer McNatt

FEMA Region 6 Weather Threat Briefing

Sunday September 26, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



SR ROC
REGIONAL OPERATIONS CENTER

- **Isolated heavy rain/flash flooding possible over portions of W NM for the next several days.**
- **A few severe storms over NW NM possible today; damaging winds and hail are the main threats.**
- **Critical fire weather conditions over NW OK today.**
- **Heavy rain/flooding possible beginning Thursday over NM and portions of W & NW TX.**
- **No impacts to FEMA Region 6 are expected from Hurricane Sam, but two tropical areas of interest off the coast of Africa bear watching over the next week or two.**

FEMA Region 6 Threat Matrix

Sep 26, 2021 - Sep 30, 2021



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	Sun	Mon	Tue	Wed	Thu
Severe Storms	SW NM				
Heavy Rain / Flash Flooding	W NM	NW NM	NW NM		NM, W & NW TX
Fire Weather	NW OK				
	TX/OK Panhandles, W OK				
Tropical Winds / Surge					
Heat					
River Flooding	SW LA	SW LA			

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



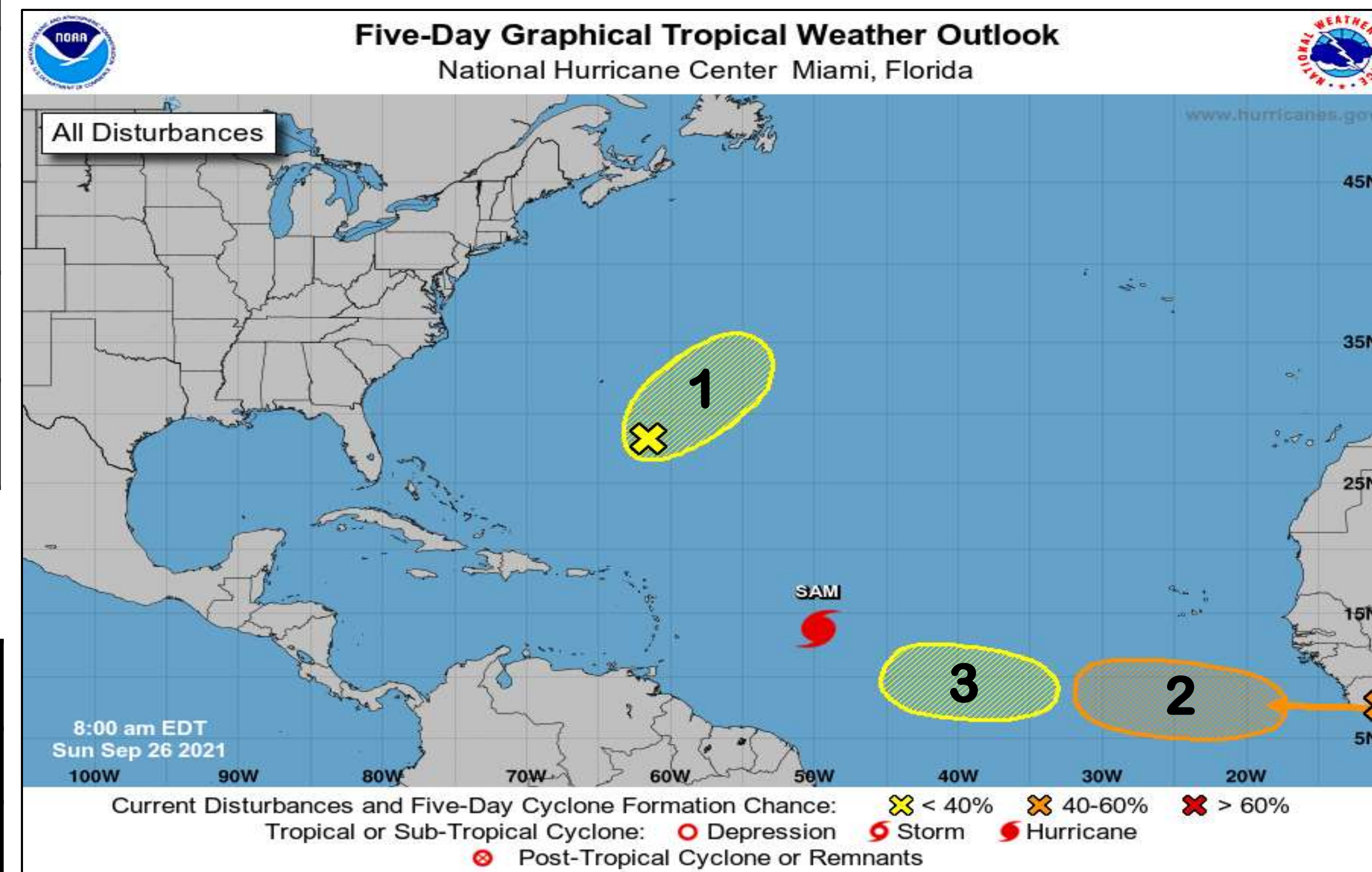
SR ROC
REGIONAL OPERATIONS CENTER

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None.
2	Medium	None in the next 5 days.
3	Low	None in the next 5 days.

Active Tropical Cyclones

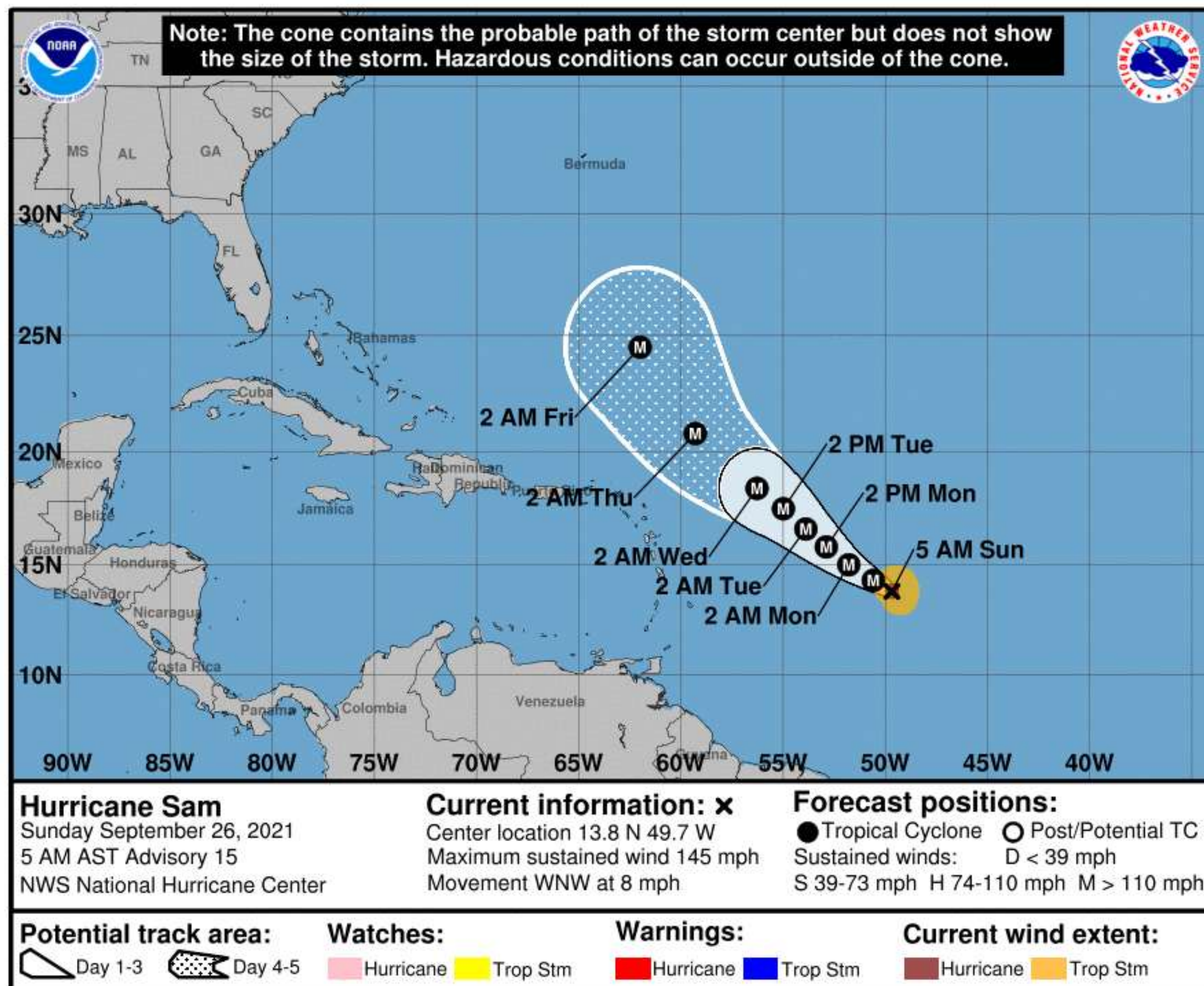
Storm	Potential Impacts to FEMA 6
Sam	None.



Hurricane Sam



SR ROC
REGIONAL OPERATIONS CENTER



Hurricane Sam is a Category 4 storm and moving to the west-northwest. A turn to the northwest is expected on Monday, and that is expected to continue through midweek.

Long range modeling indicates that Sam will remain well off the east coast of the U.S. No impacts to FEMA Region 6 are expected.

5-Day Precipitation Forecast & River Flood Status

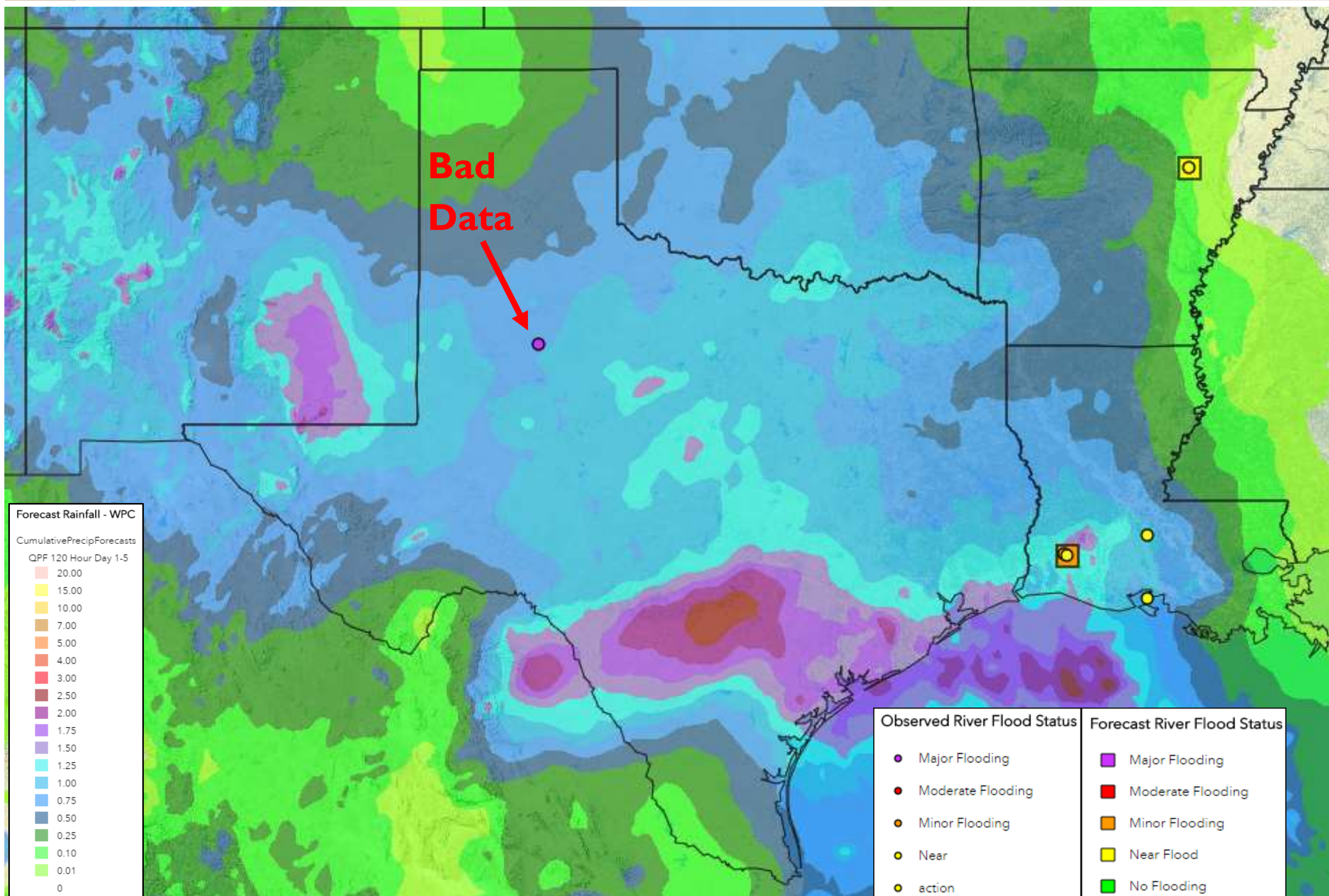


SR ROC
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

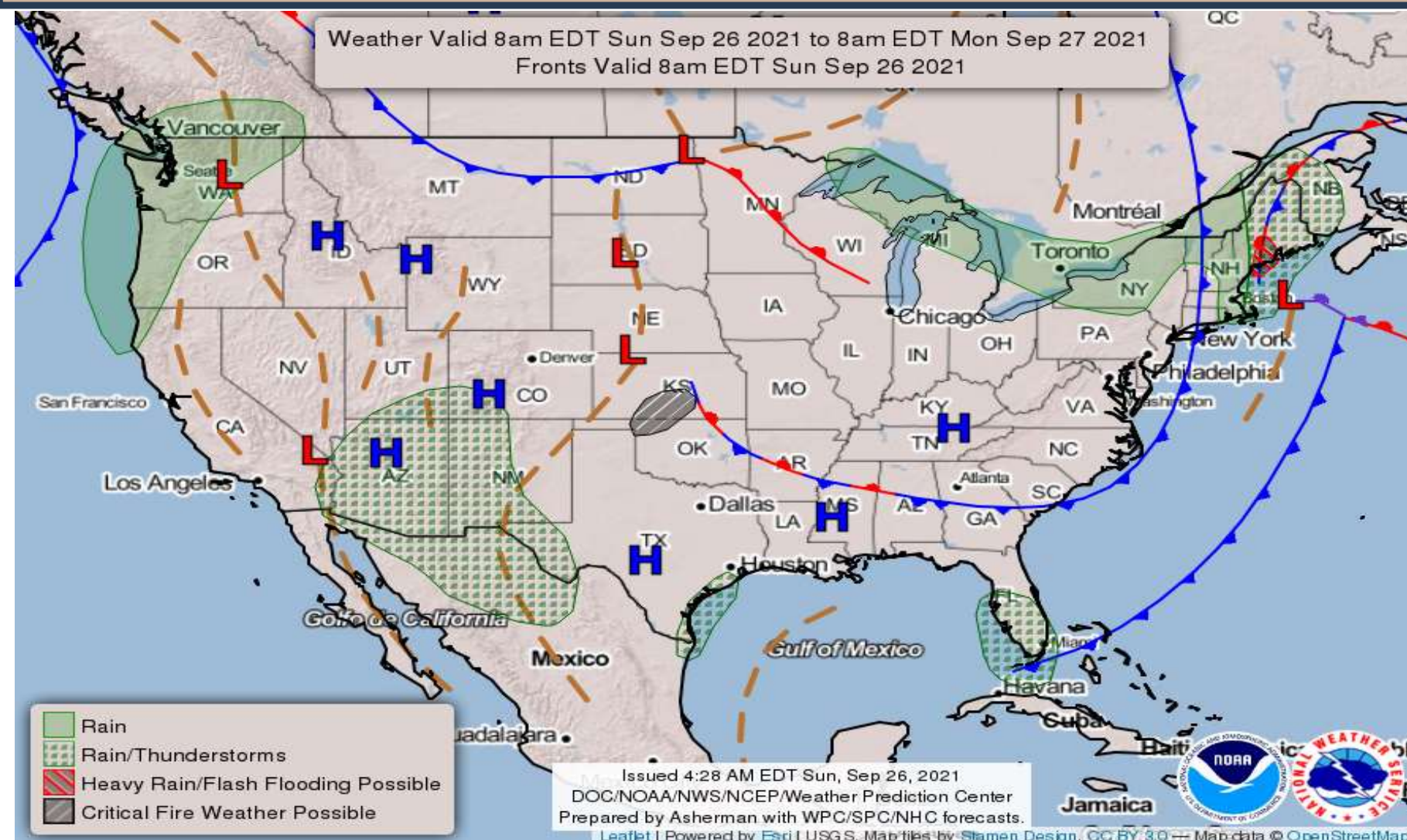
The Calcasieu River at White Oak Park in SW LA will bounce around minor flood stage at high tide for the next few days; minor flooding of a road possible.

While rain returns to the forecast beginning Tuesday, no significant river flooding is expected at this time.

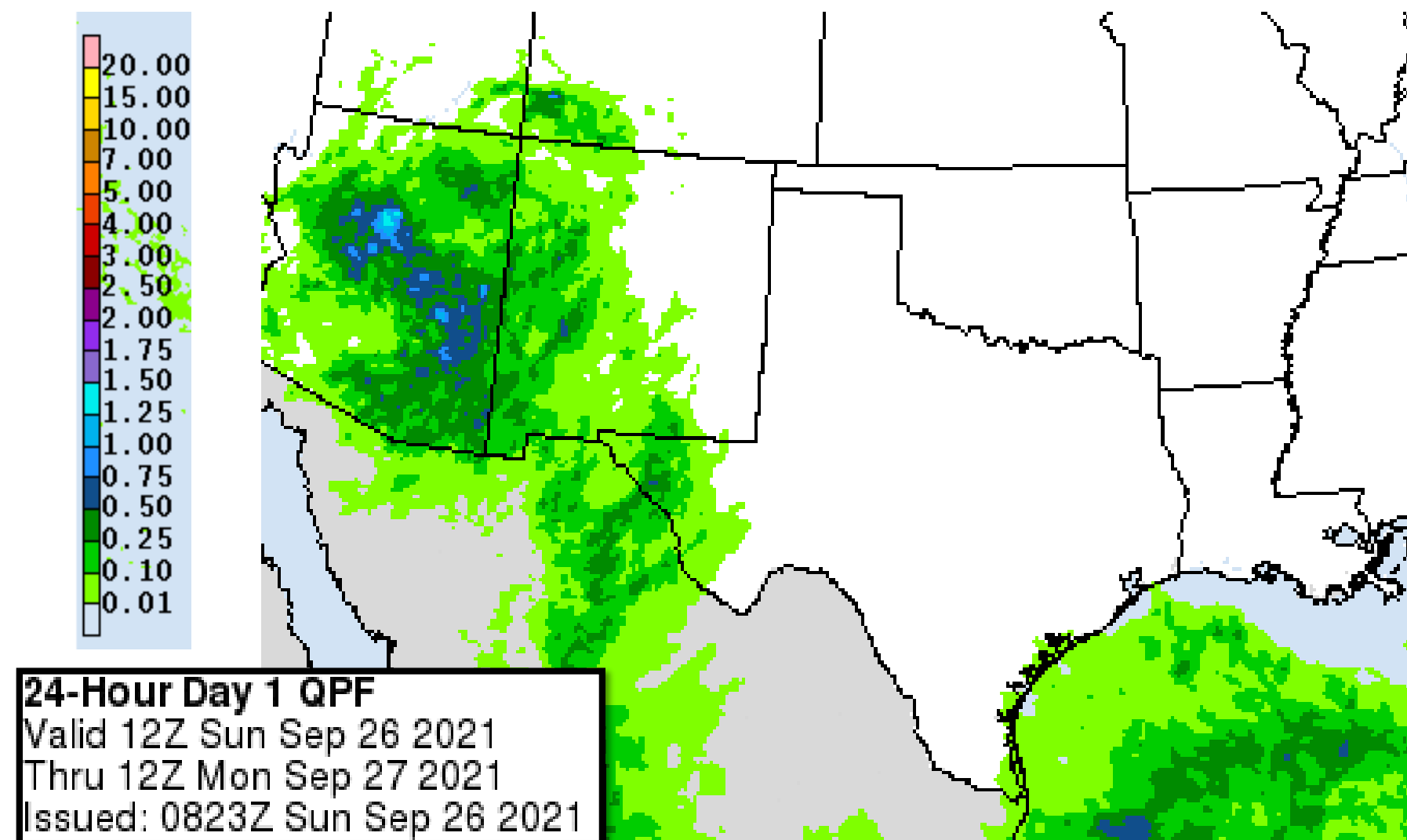


Today's Weather

Forecast Chart



Forecast Rainfall



Isolated heavy rain/flash flooding possible over W NM today.

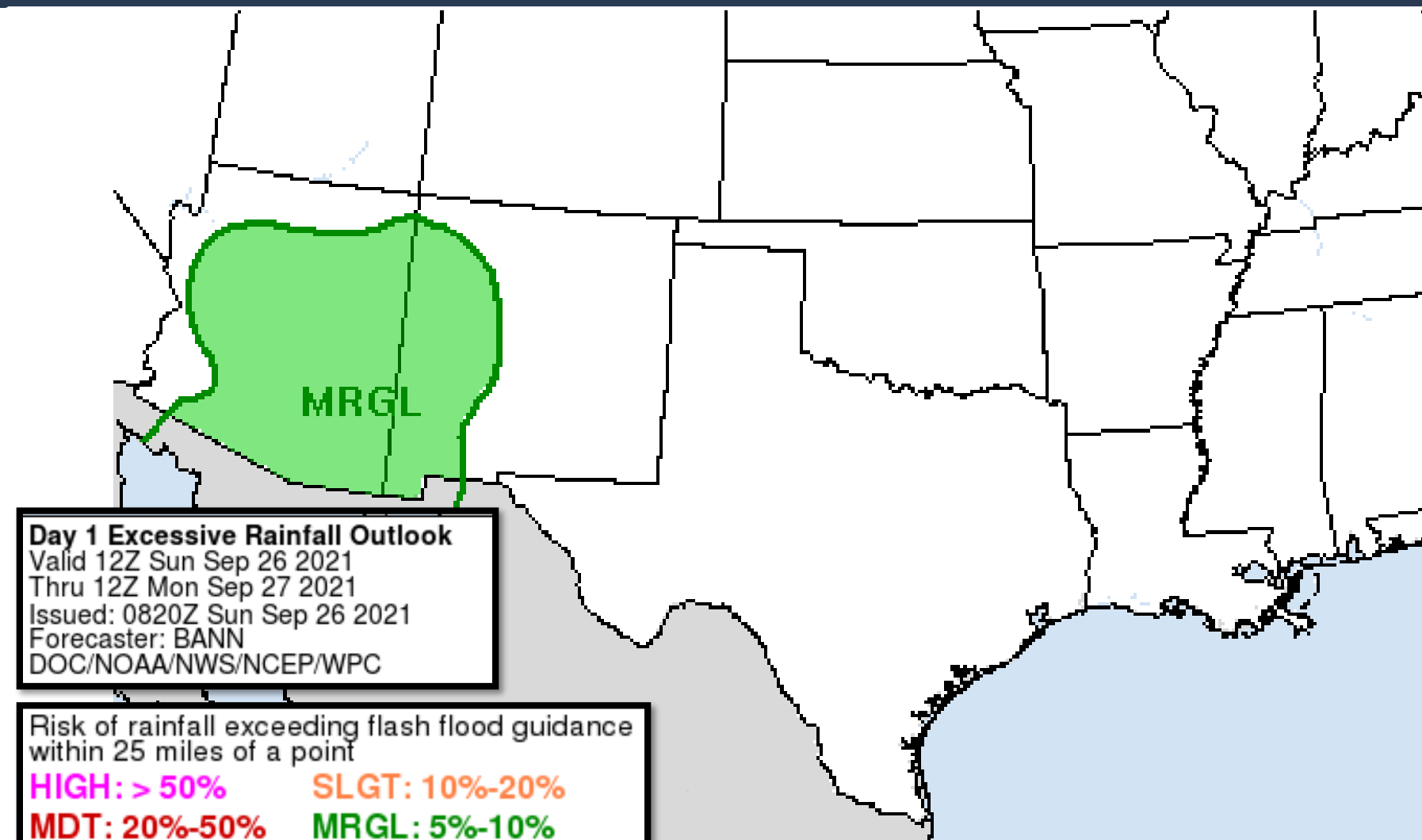
There is a marginal risk of severe storms over SW NM today; damaging winds and hail are the main threats.

Critical fire weather conditions expected over NW OK this afternoon/evening.

Severe Weather Outlook



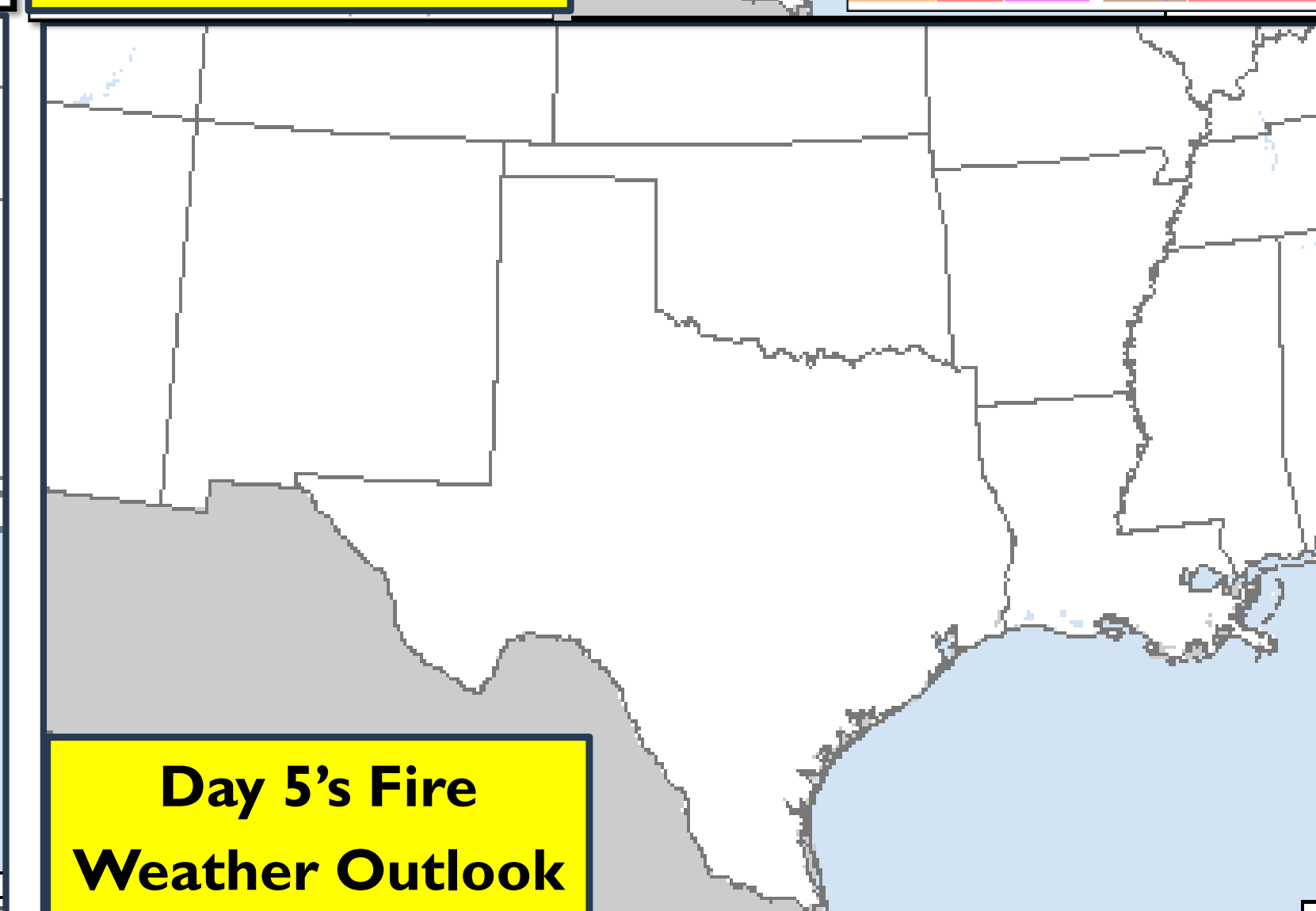
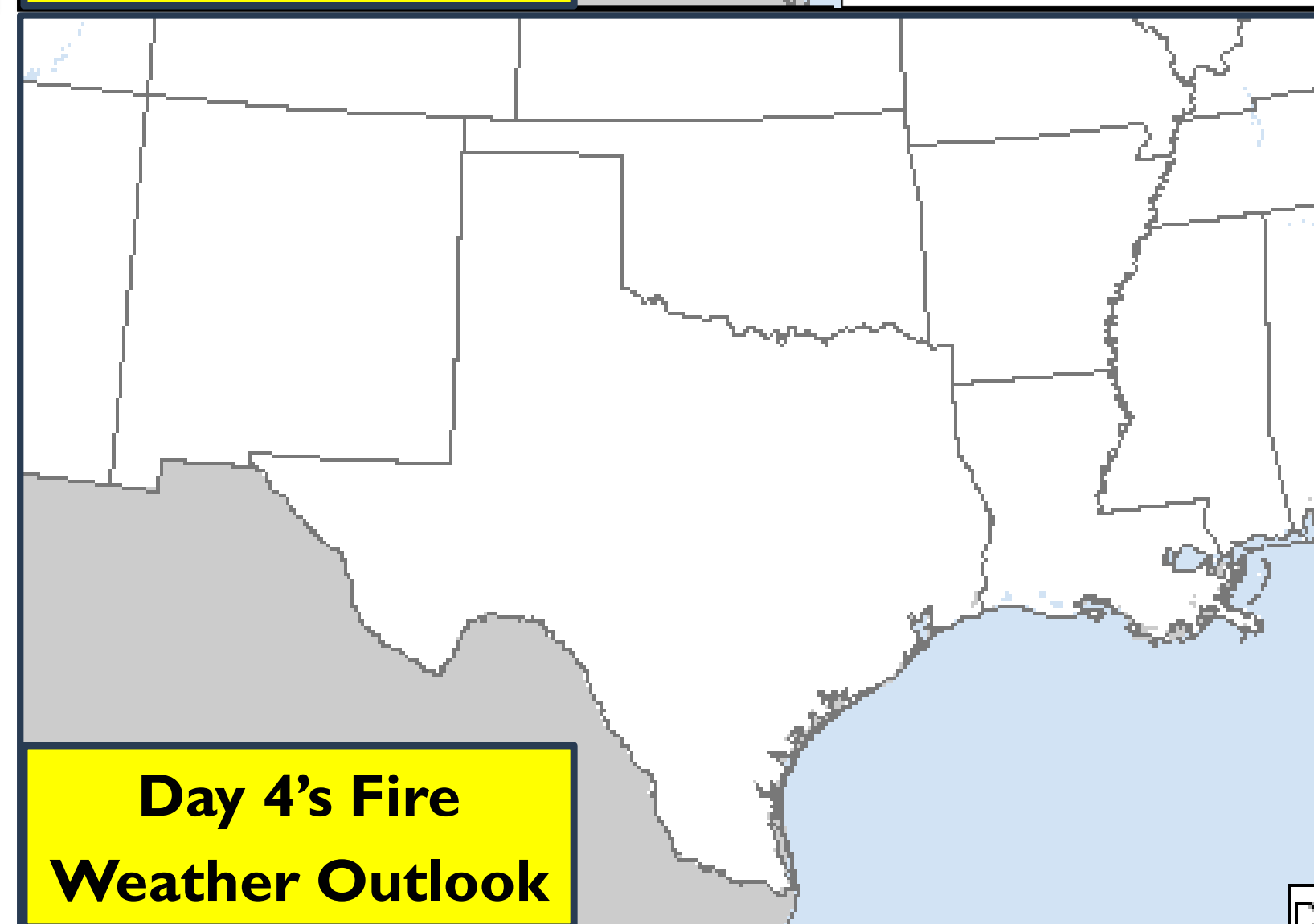
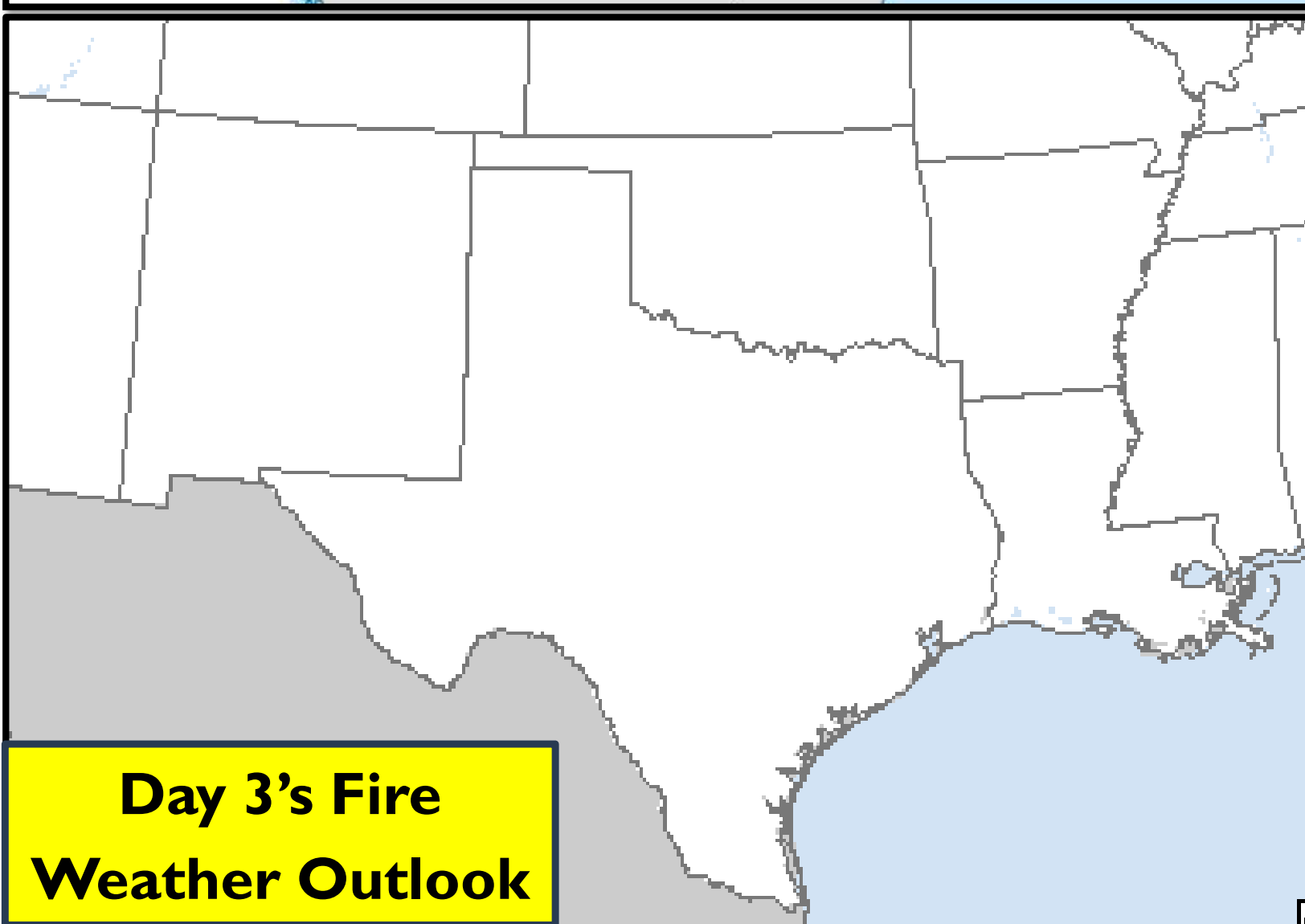
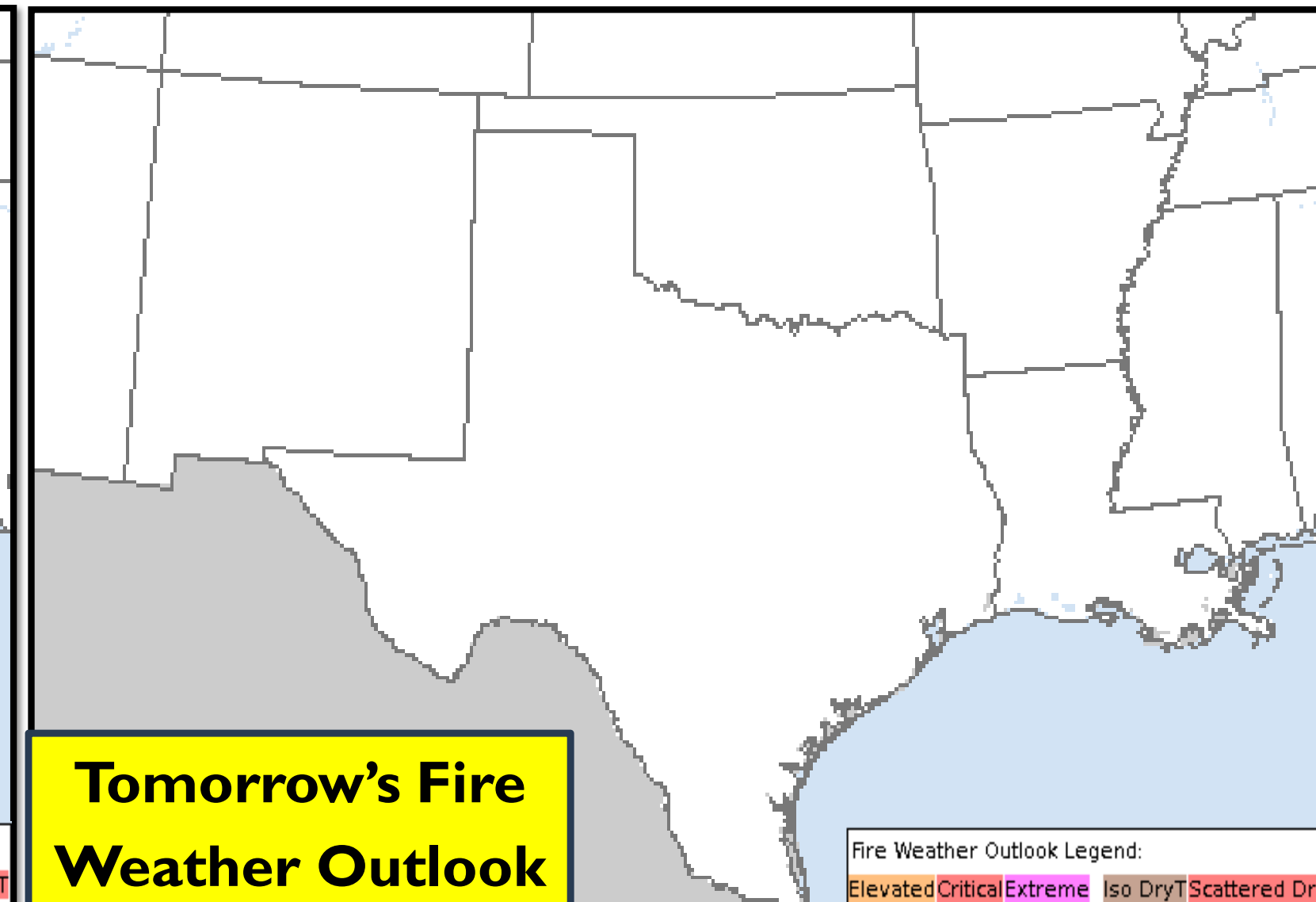
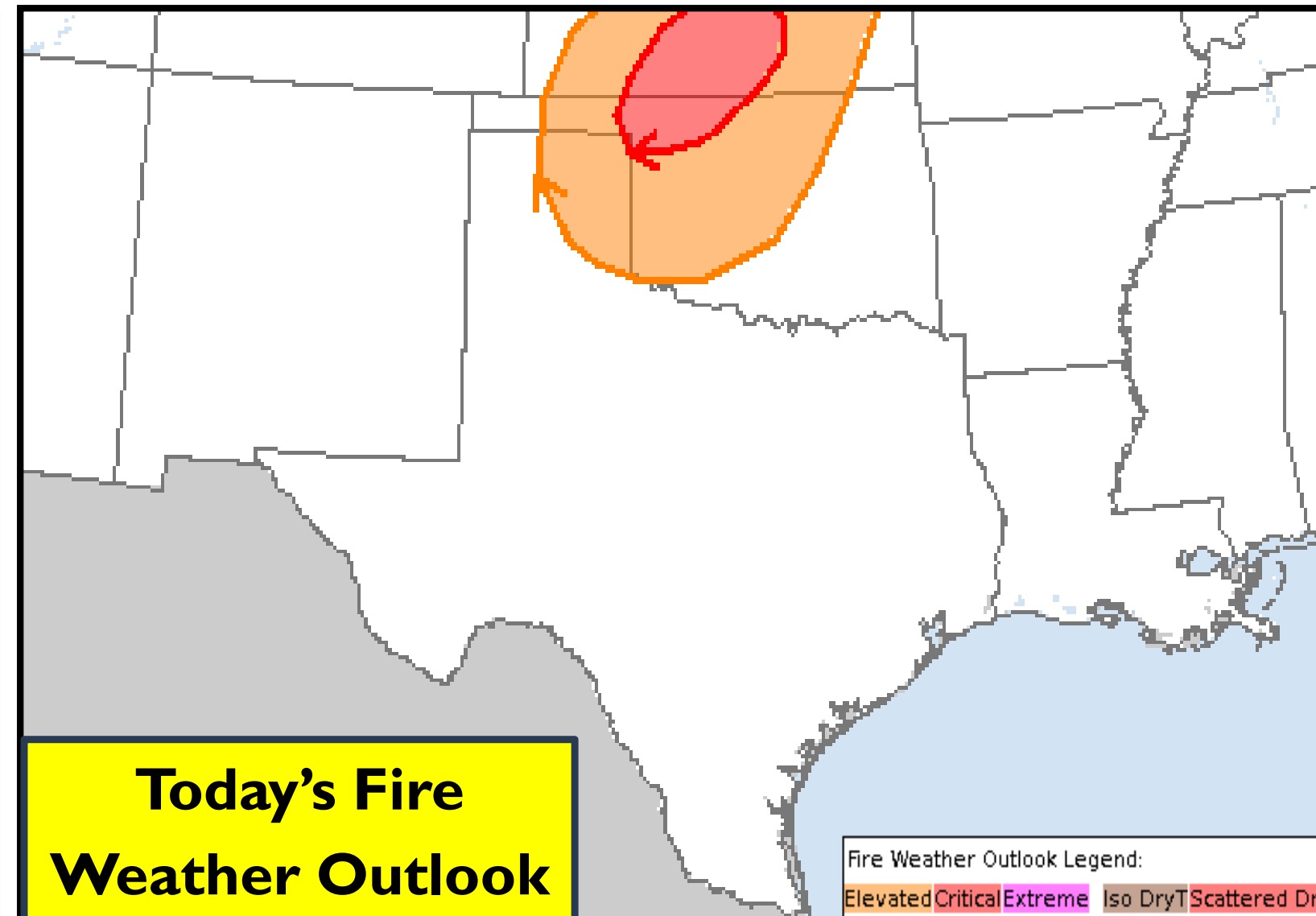
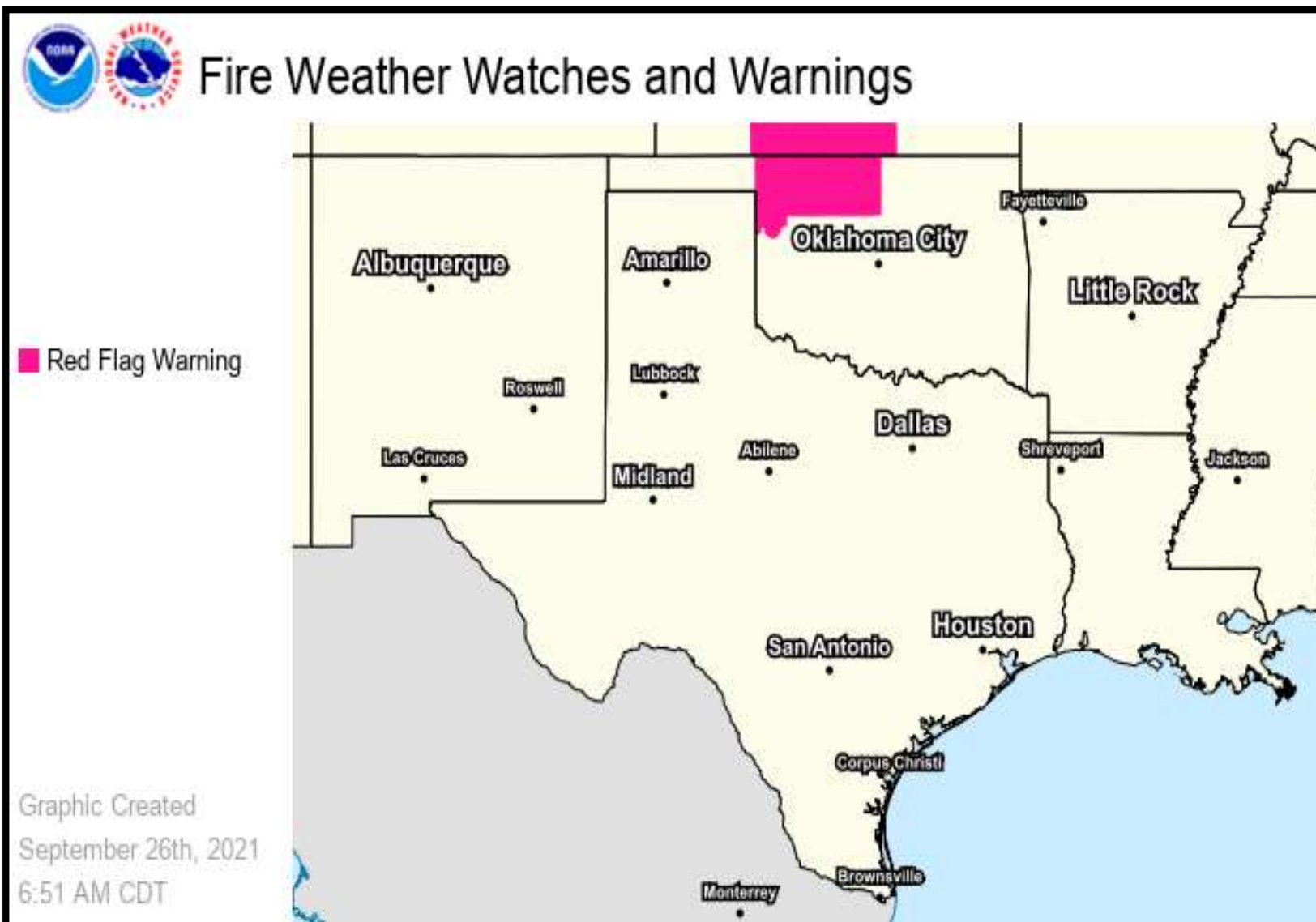
Excessive Rainfall Outlook



Fire Weather Outlooks



SR ROC
REGIONAL OPERATIONS CENTER

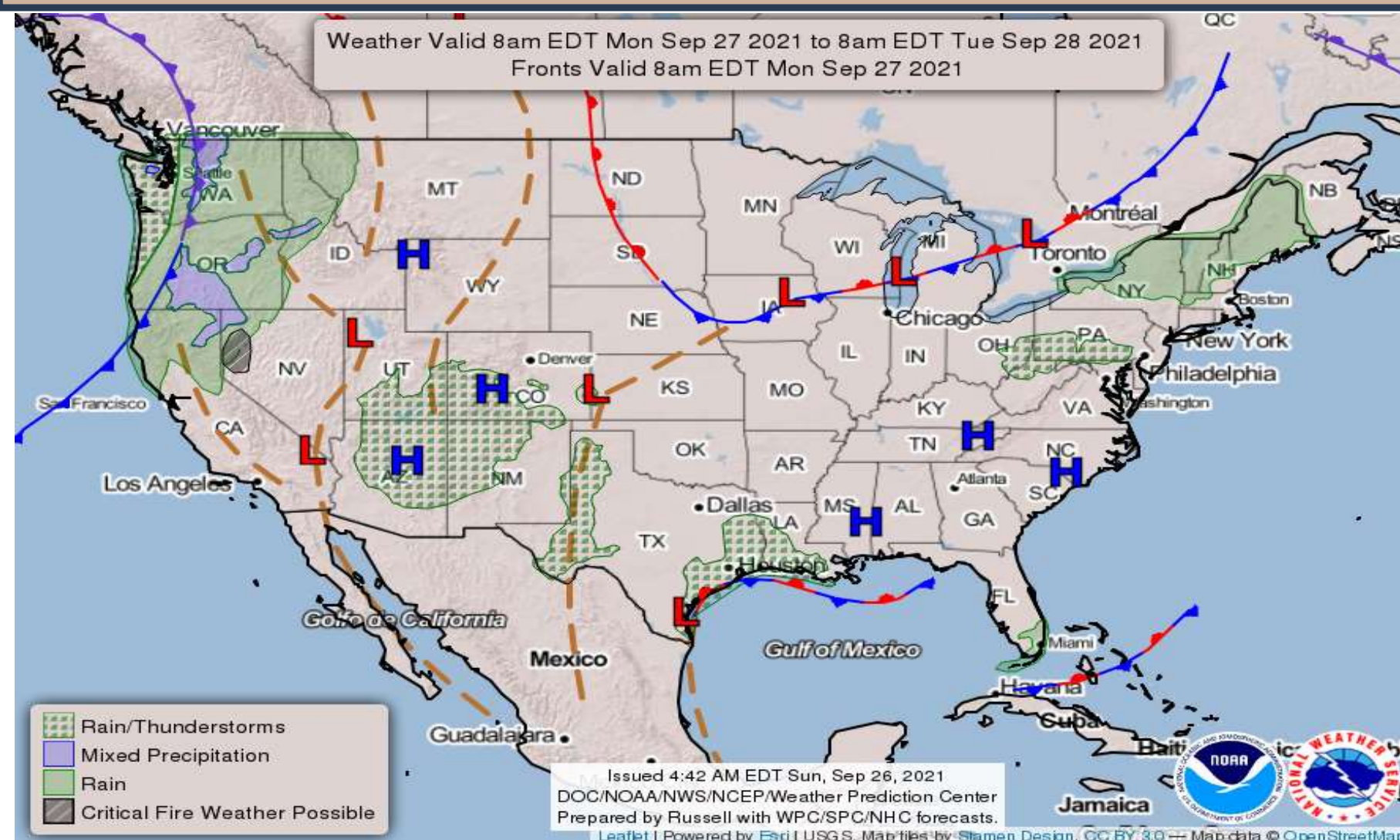


Tomorrow's Weather

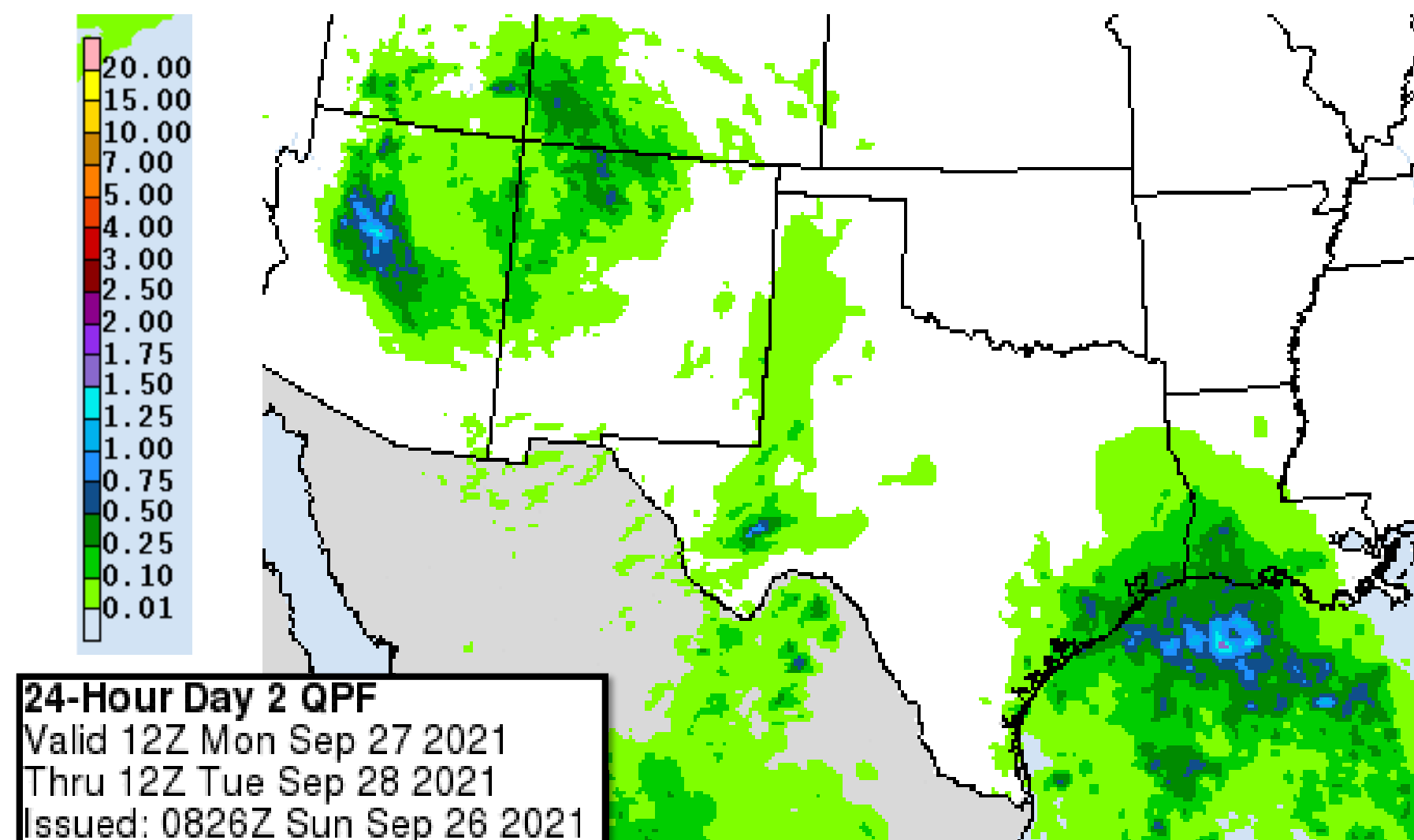


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

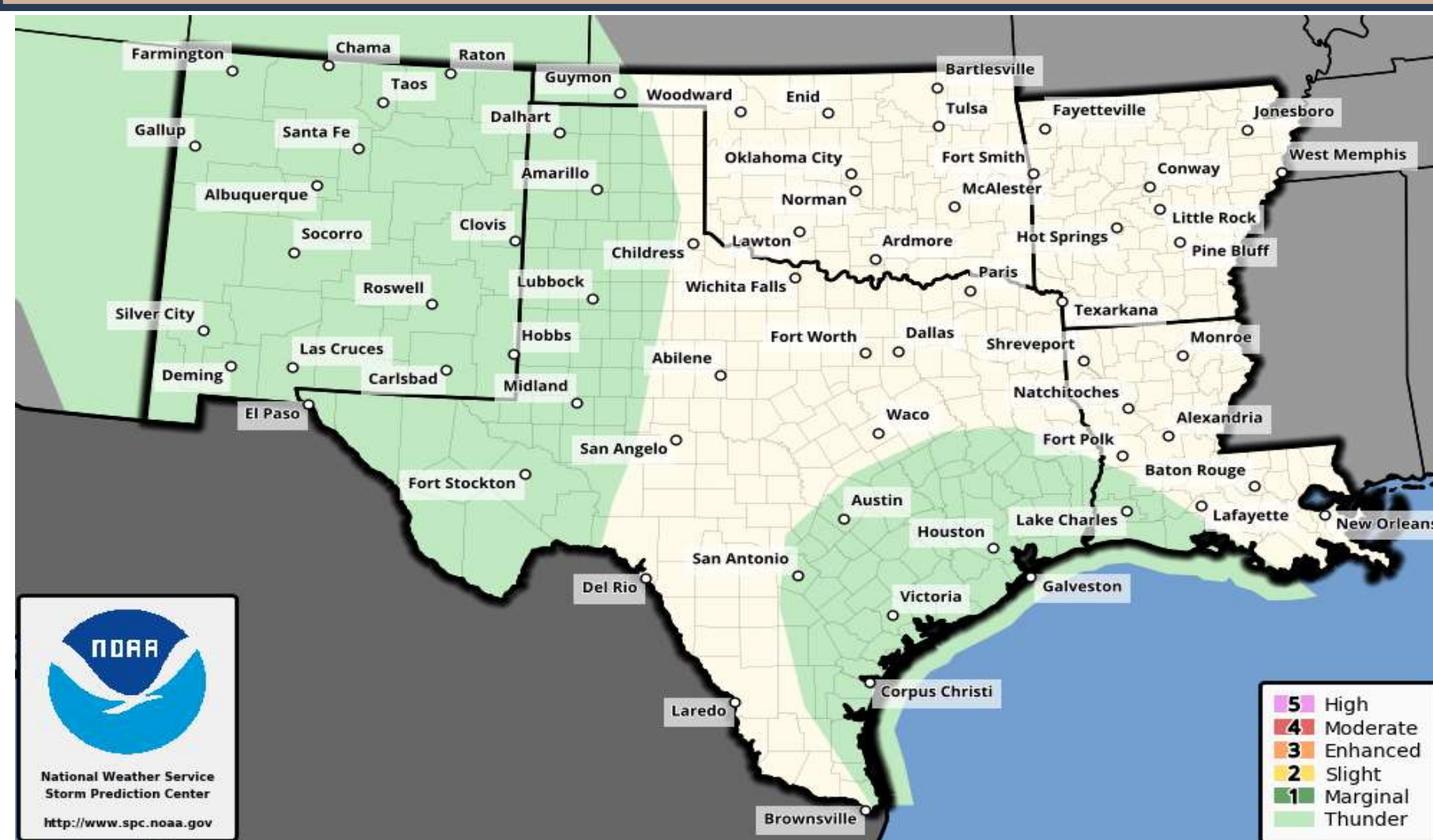


Forecast Rainfall

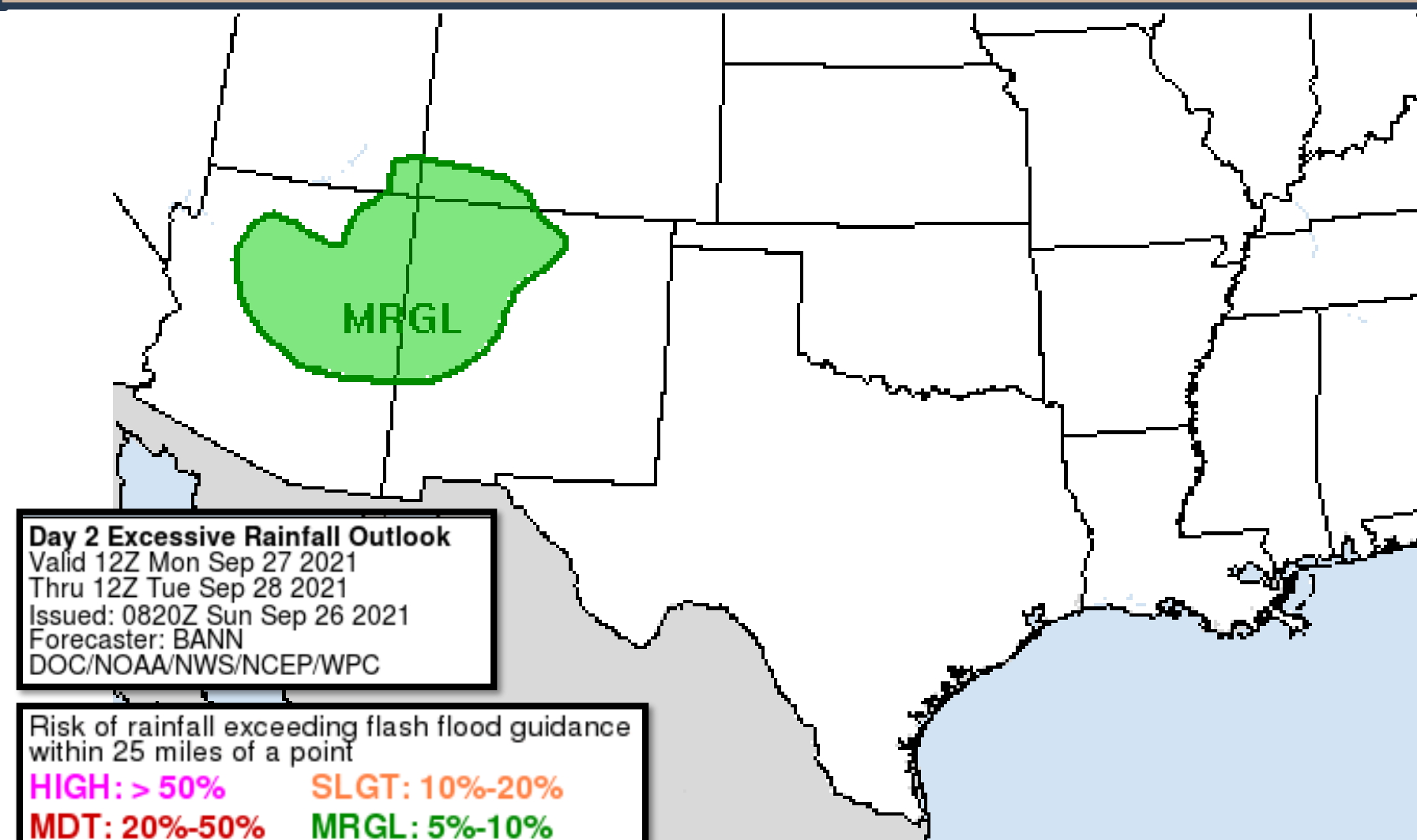


Isolated heavy rain/flash
flooding possible over NW
NM.

Severe Weather Outlook

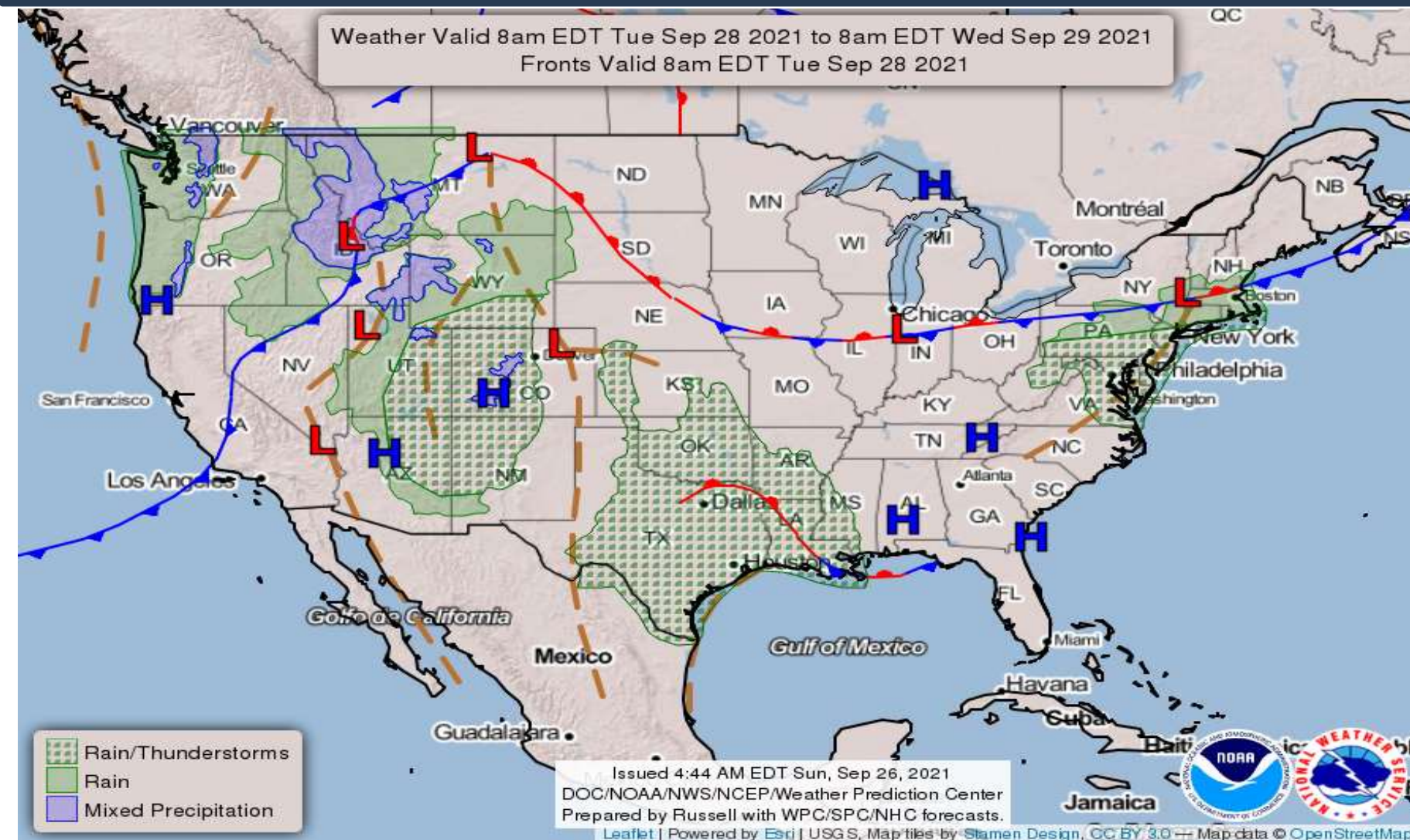


Excessive Rainfall Outlook

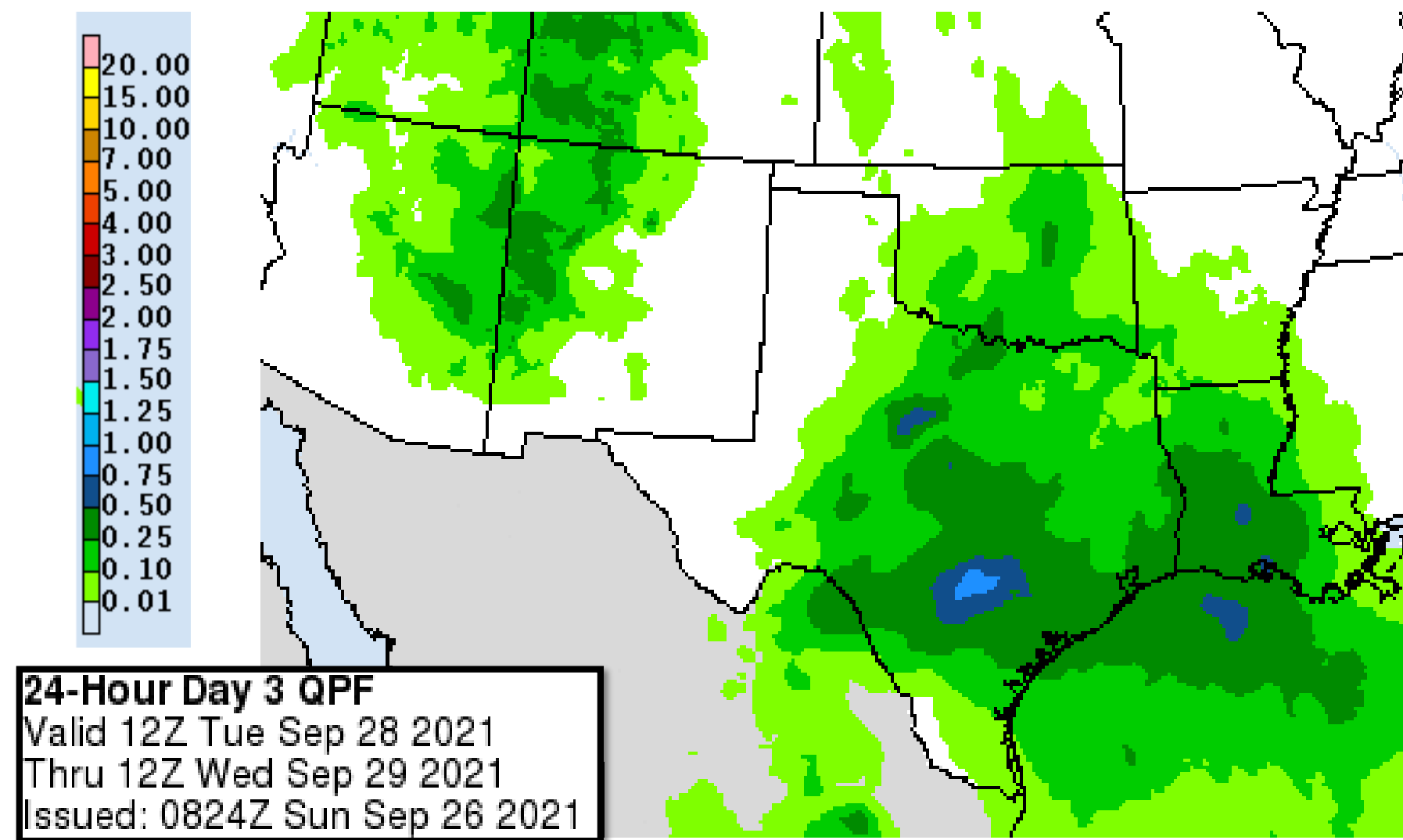


Tuesday's Weather

Forecast Chart



Forecast Rainfall



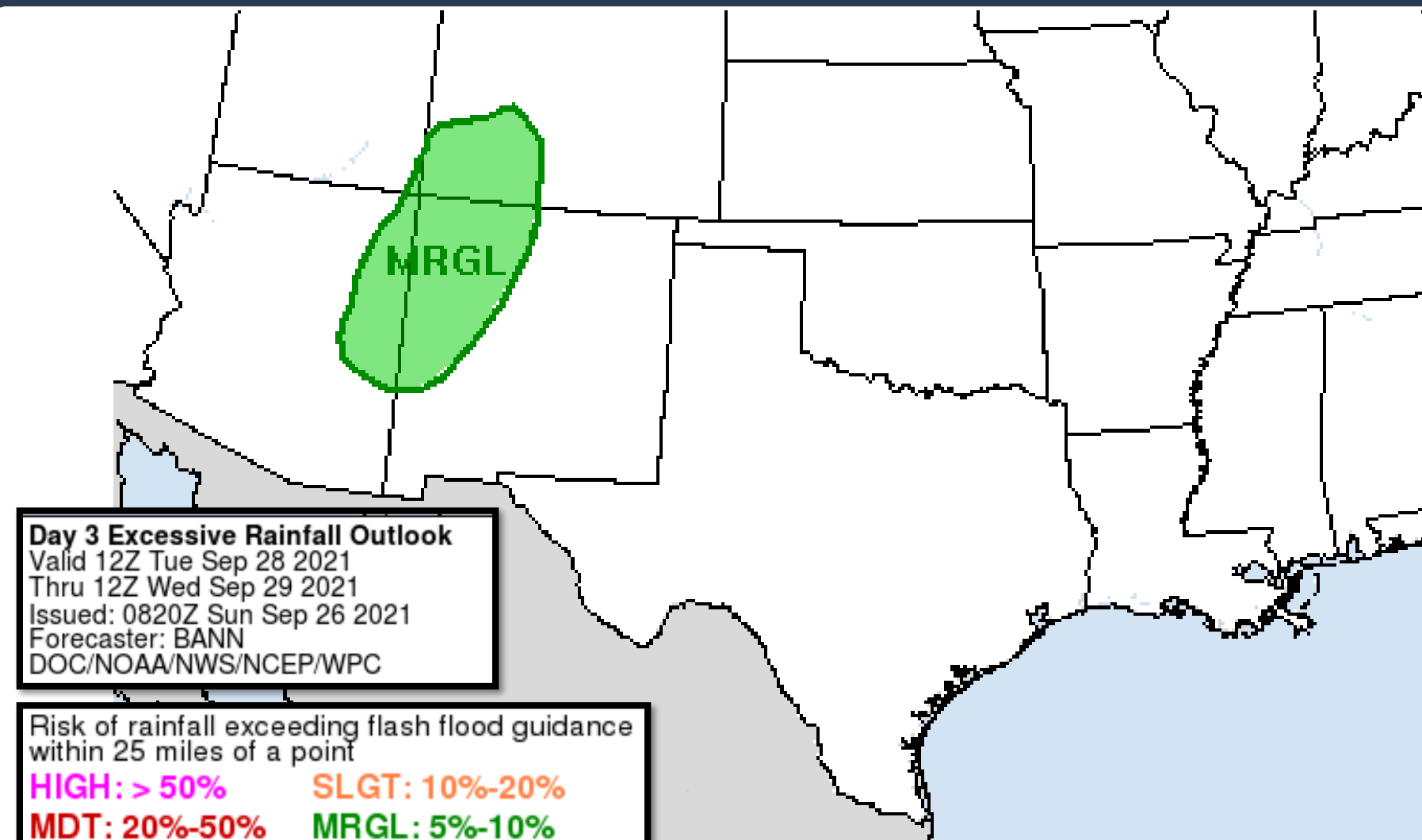
SR ROC
REGIONAL OPERATIONS CENTER

Isolated heavy rain/flash
flooding possible over NW
NM.

Severe Weather Outlook



Excessive Rainfall Outlook



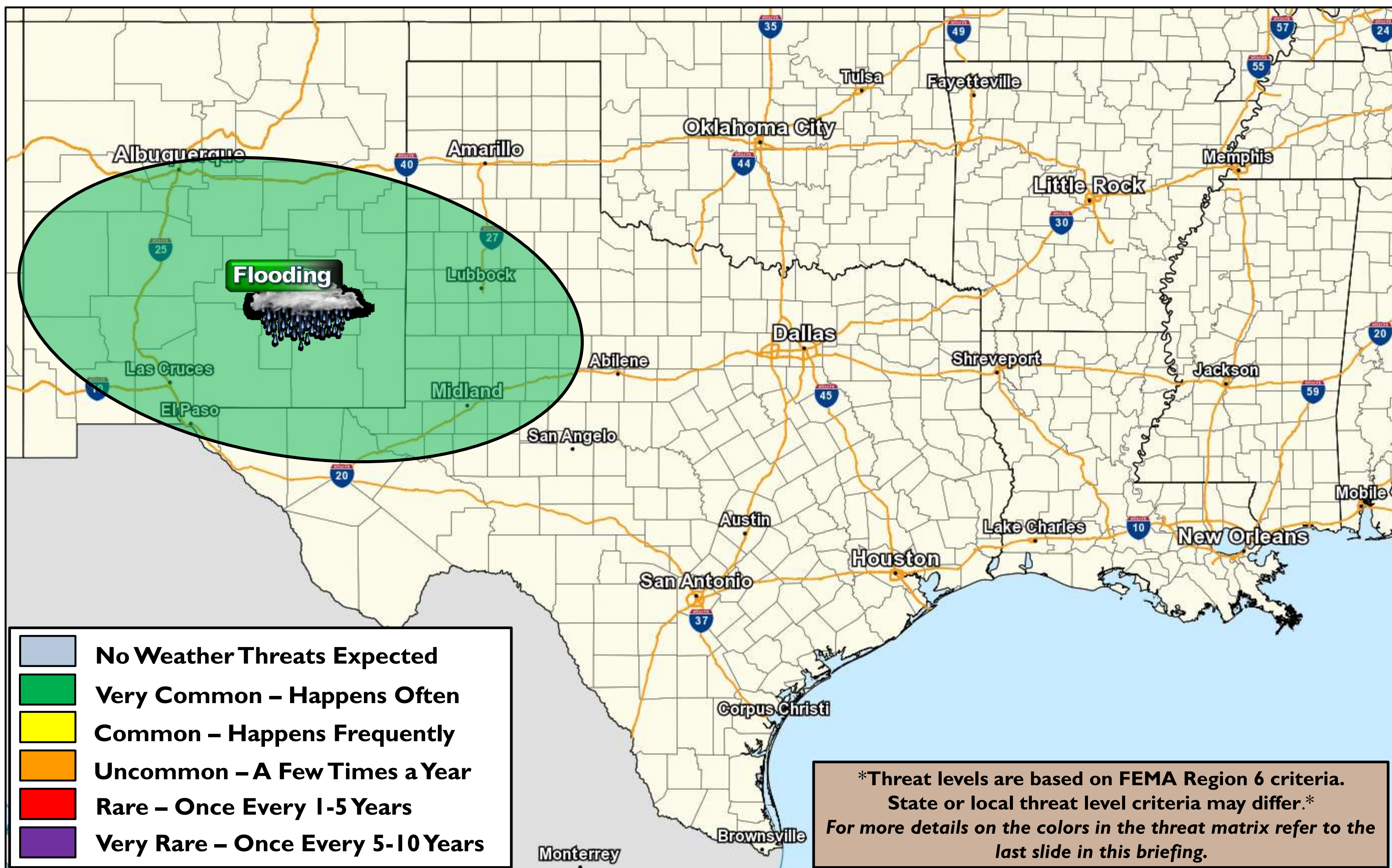
Days 4-5 Weather Hazards

Wednesday - Thursday



SR ROC
REGIONAL OPERATIONS CENTER

Heavy rain/flooding possible
beginning Thursday.

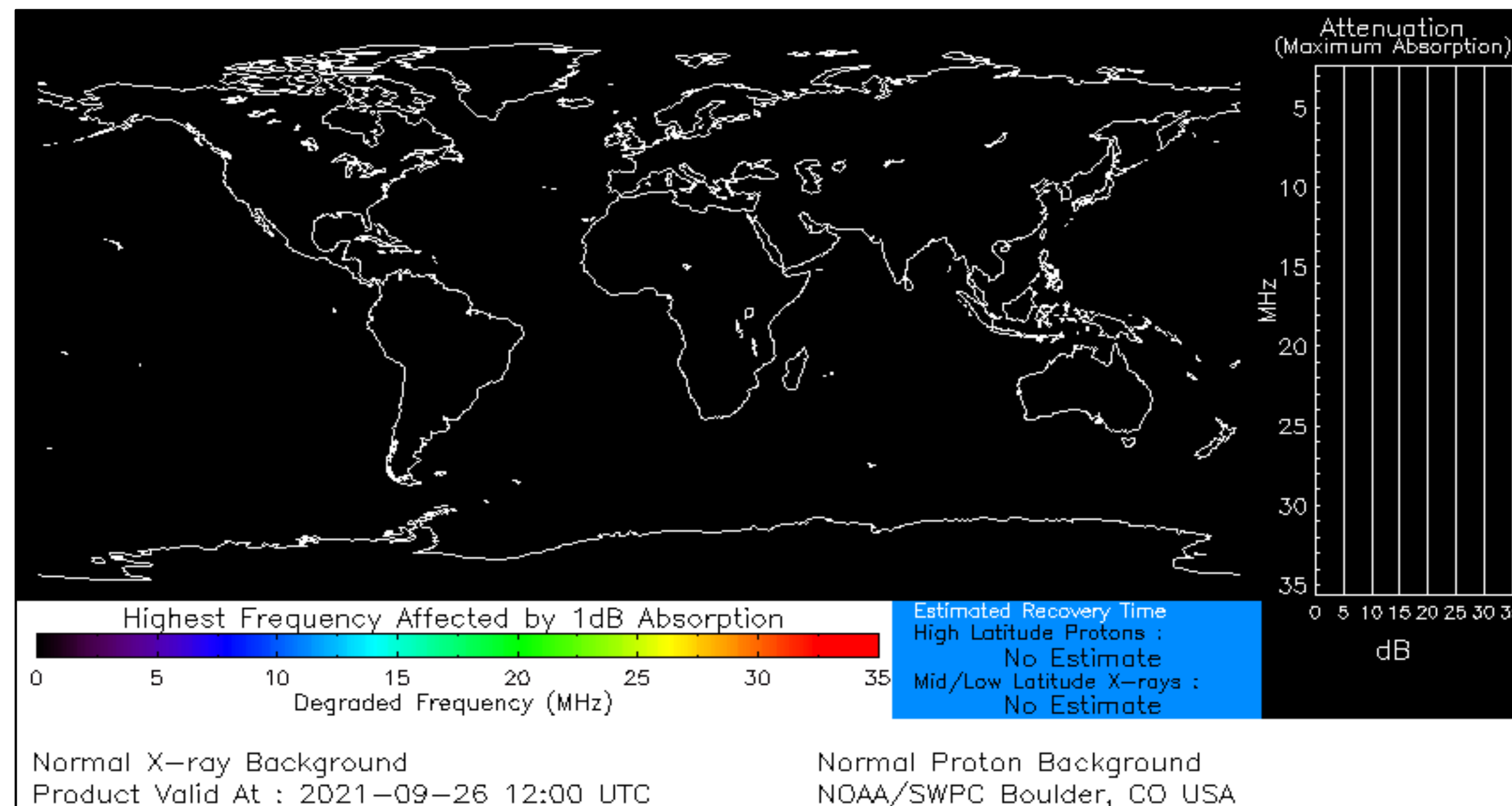


Space Weather 3-Day Forecast



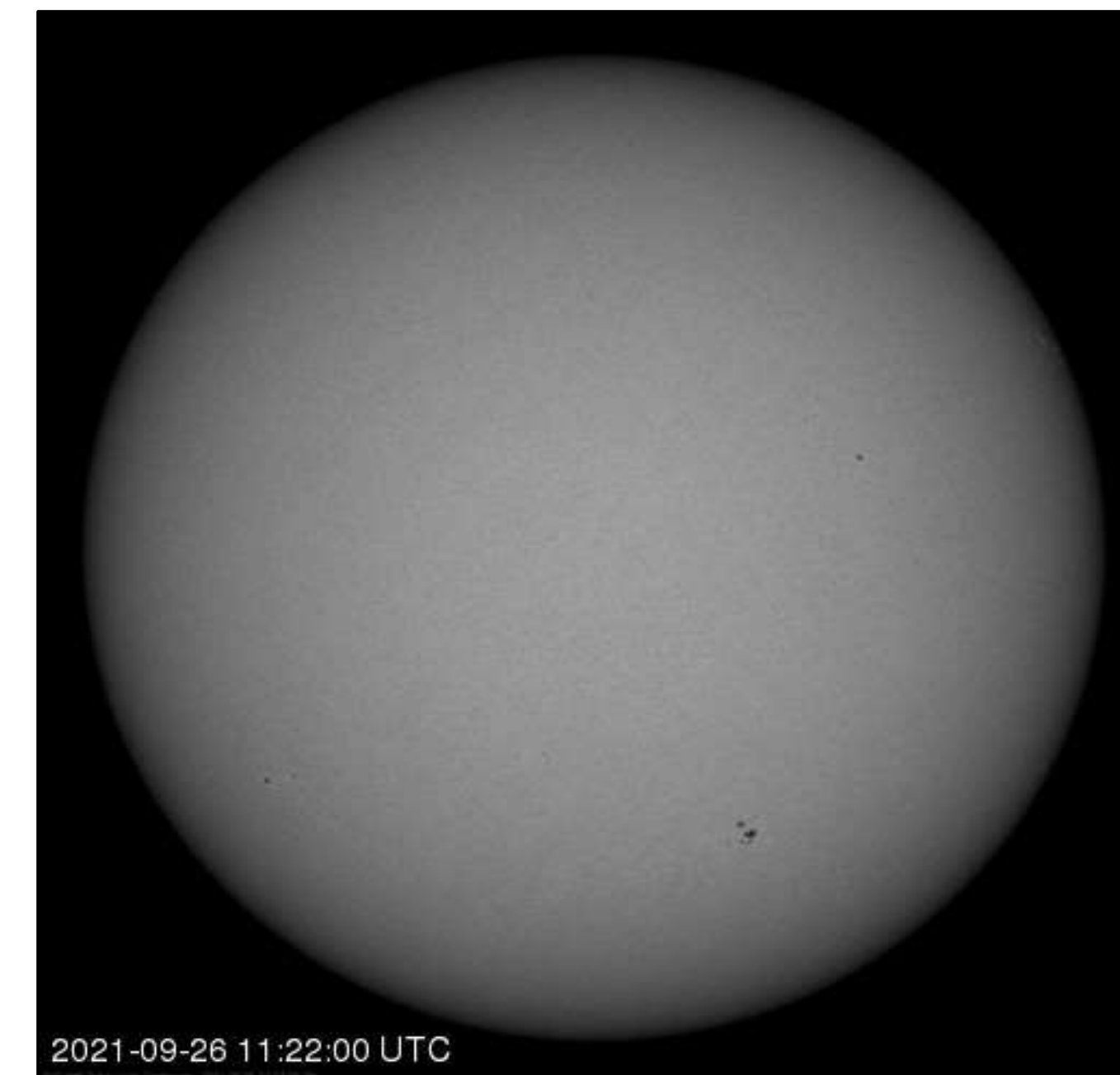
SR ROC
REGIONAL OPERATIONS CENTER

	Sunday	Monday	Tuesday
Geomagnetic Storms	Moderate (G2) Storm (Max Kp = 6)	Active (Max Kp = 4)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	5%	5%	5%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov